Daily Report Cruise 2

September 19, 2010

This is the second cruise of the MC252 Deep water sediment sampling program, R/V Gyre. Two stations were sampled, one cast per station. In both instances 11 of 12 cores were recovered. No hydrocarbons were observed at either station.

Station 1

2. Station ID: FF-C7
3. Average Lat: 27.733039
   Average Lon: -89.976969
5. Time Corer Deployed: 10:00
   Time Corer Recovered: 10:35
6. Sample nomenclature:

   Sample Type(sediment or overlaying water) – Date – Ship – Site ID – Analysis Type – Unique Identifier

7. LBNL Sampling Team: Cristy Jones and Julian Fortney
8. Location Notes: 1 cast attempted. Overlaying water very clear and was removed without disturbing sediment interface.
9. LBNL samples:

Core number 21:

Sample ID	Sample Type	Volume	Storage
SU-20100919-GY-FFC7-BC-007	AODC	20ml	4C
SU-20100919-GY-FFC7-BC-008	DNA Filter	900ml	-80C
SU-20100919-GY-FFC7-BC-009	DNA Filter	300ml	-80C
SD-20100919-GY-FFC7-BC-009	Intact Core	NA	-80C

Station 2

2. Station ID: FF-C4
3. Average Lat: 27.460422
   Average Lon: -89.779464

5. Time Corer Deployed: 16:17
   Time Corer Recovered: 18:13
6. Sample nomenclature:

   Sample Type(sediment or overlaying water) – Date – Ship – Site ID – Analysis Type – Unique Identifier

7. LBNL Sampling Team: Cristy Jones and Julian Fortney
8. Location Notes: 1 cast attempted. Overlaying water was murky, more difficult to filter. Sediment interface was slightly disturbed while sampling.
9. LBNL samples:

Sample ID	Sample Type	Volume	Storage
SD-20100919-GY-FFC4-BC-011	Intact Core	NA	-80C
SU-20100919-GY-FFC4-BC-012	AODC	20ml	4C
SU-20100919-GY-FFC4-BC-013	DNA Filter	600ml	-80C
SU-20100919-GY-FFC4-BC-014	DNA Filter	600ml	-80C

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